

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Mostly Concurrent Garbage Collection**

the specification of which (check one)

X  is attached hereto.

\_\_\_\_\_ was filed on \_\_\_\_\_ as United States Application Number

or PCT International Application Number \_\_\_\_\_

and was amended on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application, having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	_____ Yes	_____ No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	_____ Yes	_____ No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	_____ Yes	_____ No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

_____ (Application Number)	_____ (Filing Date)
_____ (Application Number)	_____ (Filing Date)

I hereby claim the benefit under 35 U.S.C. §120 of any United States Application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).

Richard M. Ludwin (Reg. 33,010), Kevin M. Jordan (Reg. 40, 277), Christopher A. Hughes (Reg. 26,914), John E. Hoel (Reg. 26,279), Joseph C. Redmond, Jr. (Reg. 18,753), Douglas W. Cameron (Reg. 31,596), Wan Yee Cheung (Reg. 42,410), Thu Ann Dang (Reg. 41,544), Louis P. Herzberg (Reg. 41,500), Derek S. Jennings (Reg. 41,473), Stephen C. Kaufman (Reg. 29, 551), Daniel P. Morris (Reg. 32,053), Alison D. Mortinger (Reg. 39,306), Louis J. Percello (Reg. 33,206), Robert M. Trepp (Reg. 25,933), Gail H. Zarick (Reg. 43,303).

ISRAEL

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Send Correspondence to: Stephen C. Kaufman, Intellectual Property Law Dept.

IBM Corporation, P.O. Box 218, Yorktown Heights, New York 10598

Direct Telephone Calls to: (name and telephone number) Stephen C. Kaufman (914) 945-3197

BARABASH Katherine

Full name of first inventor

13, July 2003  
Date

Inventor's Signature

E. B. -

34/41 Taanach St., Neve Yosef, Haifa, 32161, Israel

Residence

ISRAEL

Citizenship

IBM Labs, Haifa University, Mount Carmel, Haifa 31905, Israel

Post Office Address

OSSIA Yoav

Full name of second joint-inventor

13- JULY 2003  
Date

Inventor's signature

Yoav Ossia

5a Sucot St., Haifa, 34525, Israel

Residence

Israel

Citizenship

IBM Labs, Haifa University, Mount Carmel, Haifa 31905, Israel

Post Office Address

PETRANK Erez

Full name of third joint-inventor

13/July/2003  
Date

Inventor's signature

Erez Petrank

23 Sha'ar Hagay St.; Haifa, 34554, Israel

Residence

Israel

Citizenship

IBM Labs, Haifa University, Mount Carmel, Haifa 31905, Israel

Post Office Address

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicants:** : **Dated:** July 23, 2003  
:   
Katherine Barabash, et al. : **Group Art Unit:** To be Assigned  
:   
**Serial No.:** To be Assigned : **Examiner:** To be Assigned  
:   
**Filed:** Herewith : **Docket No.:** IL920030014US1  
  
**For:** Mostly Concurrent Garbage Collection

**APPOINTMENT OF ATTORNEY**

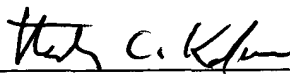
Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned attorney, who has been appointed as an attorney in the Combined Declaration and Power of Attorney for the above-identified application, hereby appoints Suzanne Erez (Reg. 46,688), of International Business Machines Corporation, IBM Research Lab Haifa, Intellectual Property Department, Haifa University, Mount Carmel, Haifa 31905, Israel. [telephone number 972-4-829-6069], his associate attorney to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all official communications to Suzanne Erez, at the address cited above.

Respectfully submitted,  
Attorney for the Applicant(s)

by   
Stephen C. Kaufman  
Reg. No. 29,551  
Telephone No.: (914) 945-4068

IBM Corporation  
Intellectual Property Law Department  
P. O. Box 218  
Yorktown Heights, N. Y. 10598